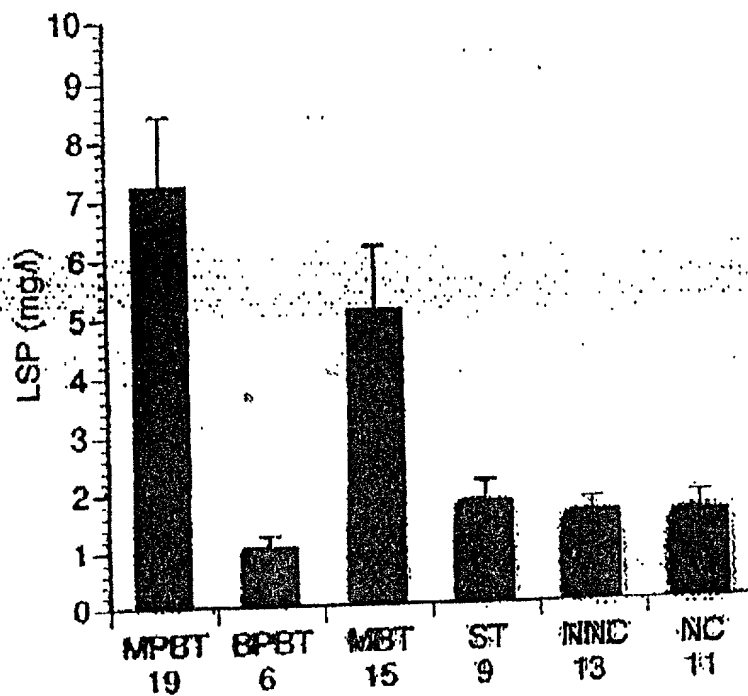


# GRAPH 1

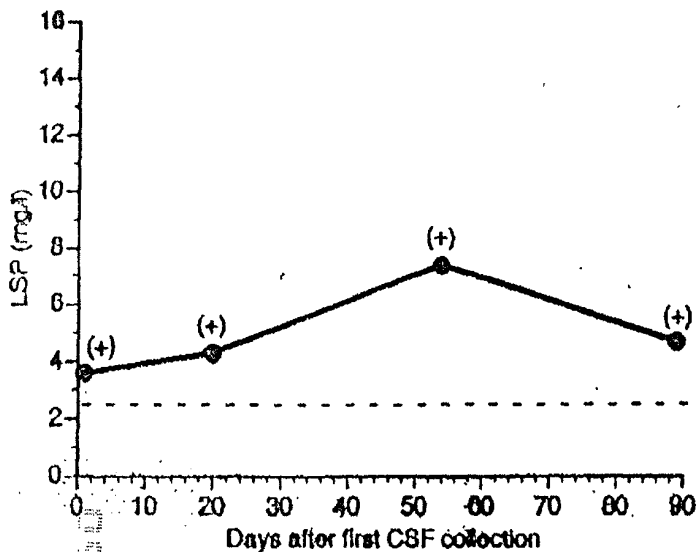
LSP in the CSF of patients with  
and without brain tumors



MPBT : Malignant primary brain tumors  
BPBT: Benign primary brain tumors  
MBT: Metastatic brain tumors  
ST: Systemic tumors without brain metastasis  
NNC: Nonmal neurologic controls  
NC: Neurologic controls

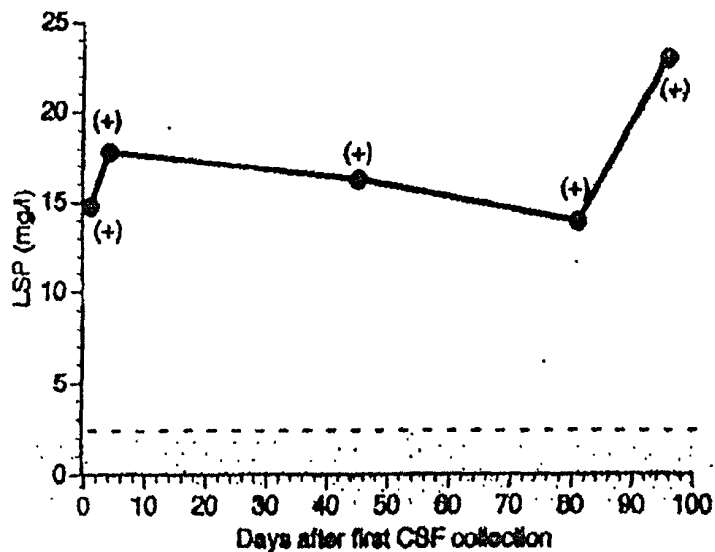
## GRAPH 2

### LONGITUDINAL STUDIES OF PATIENTS UNDER TREATMENT



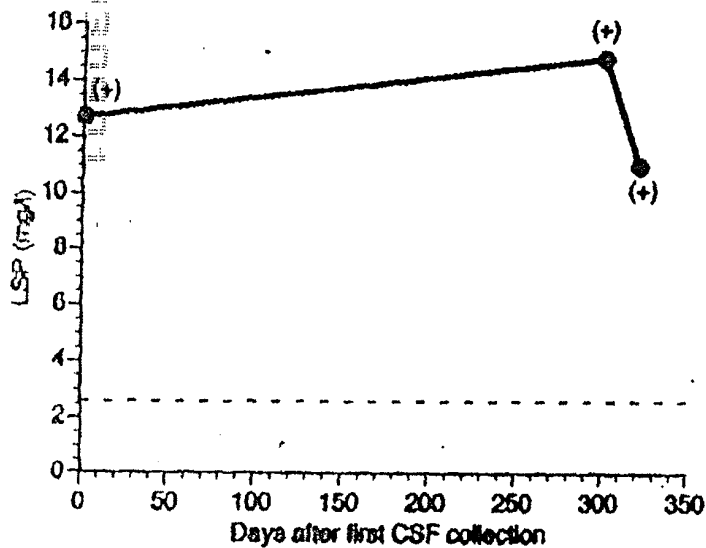
Primary central nervous system lymphoma

(+): positive CSF cytology  
(-): negative CSF cytology



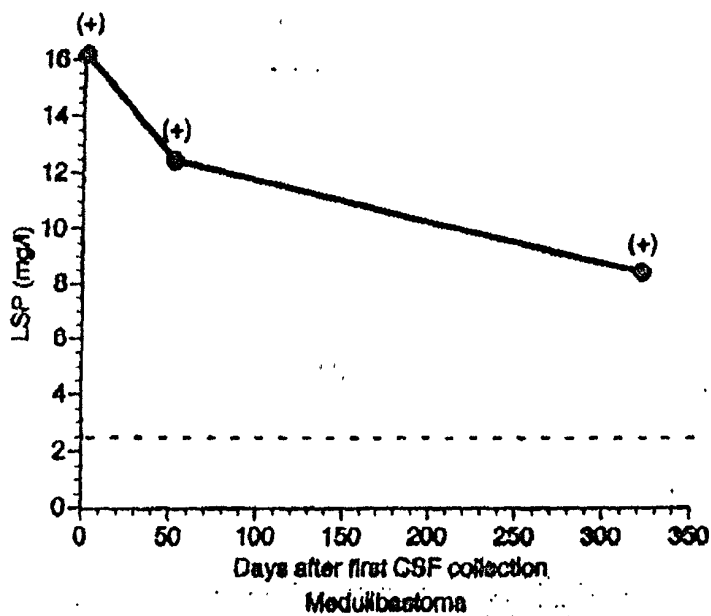
Primary central nervous system lymphoma

(+): positive CSF cytology  
(-): negative CSF cytology



Anaplastic astrocytoma

(+): positive CSF cytology  
(-): negative CSF cytology

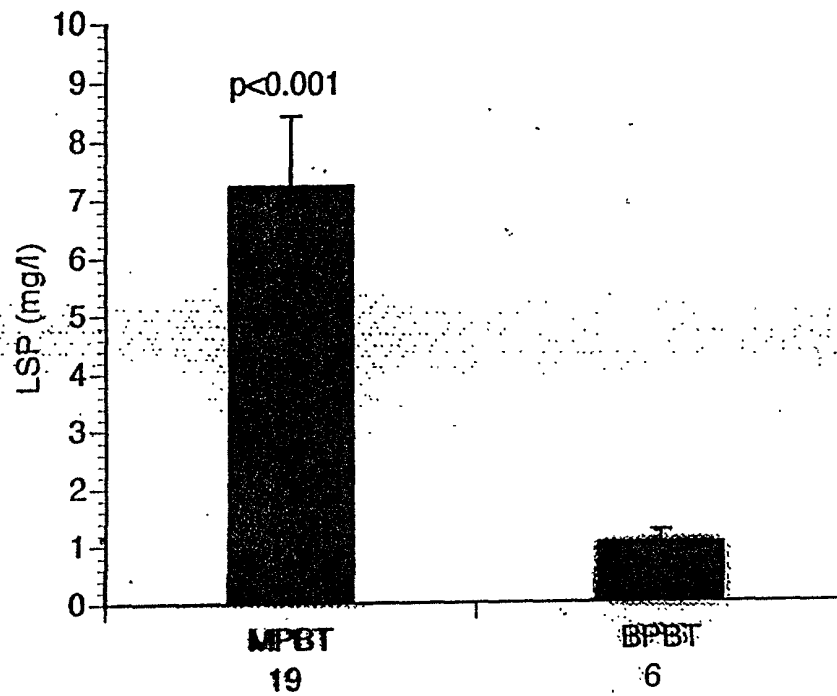


Medulloblastoma

(+): positive CSF cytology  
(-): negative CSF cytology

### GRAPH 3

LSP in the CSF of patients with malignant  
and benign primary brain tumors



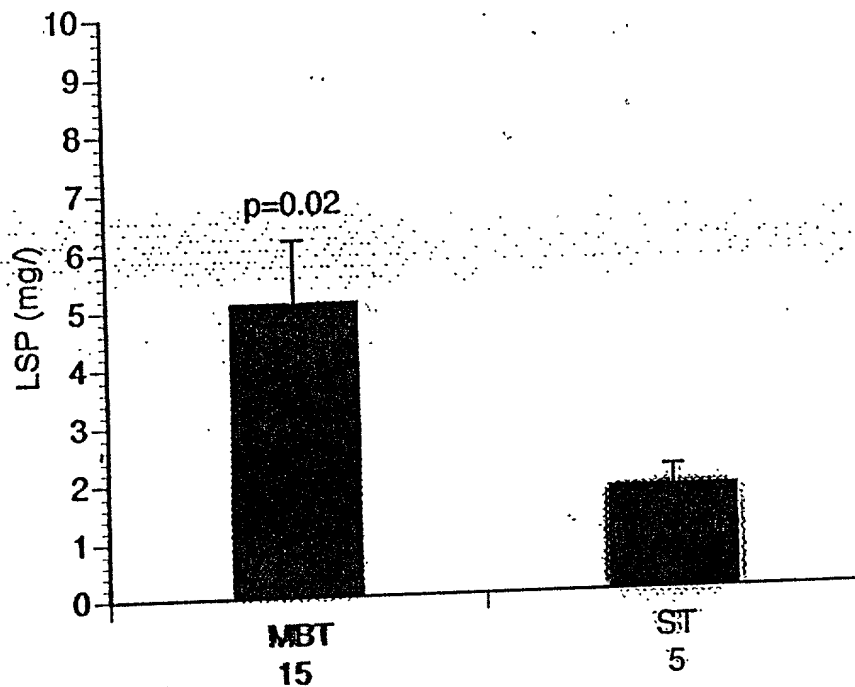
MPBT: Malignant primary brain tumors

BPBT: Benign primary brain tumors

NK-GP ©

# GRAPH 4

LSP in the CSF of patients with systemic tumors with and without brain metastasis

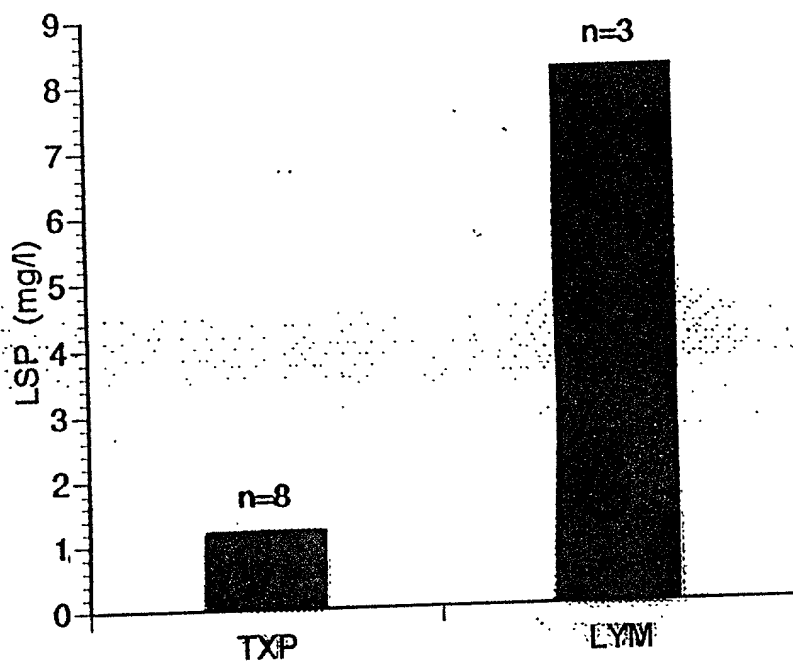


MBT: Metastatic brain tumors  
ST: Systemic tumors without brain metastasis

NK-GP ©

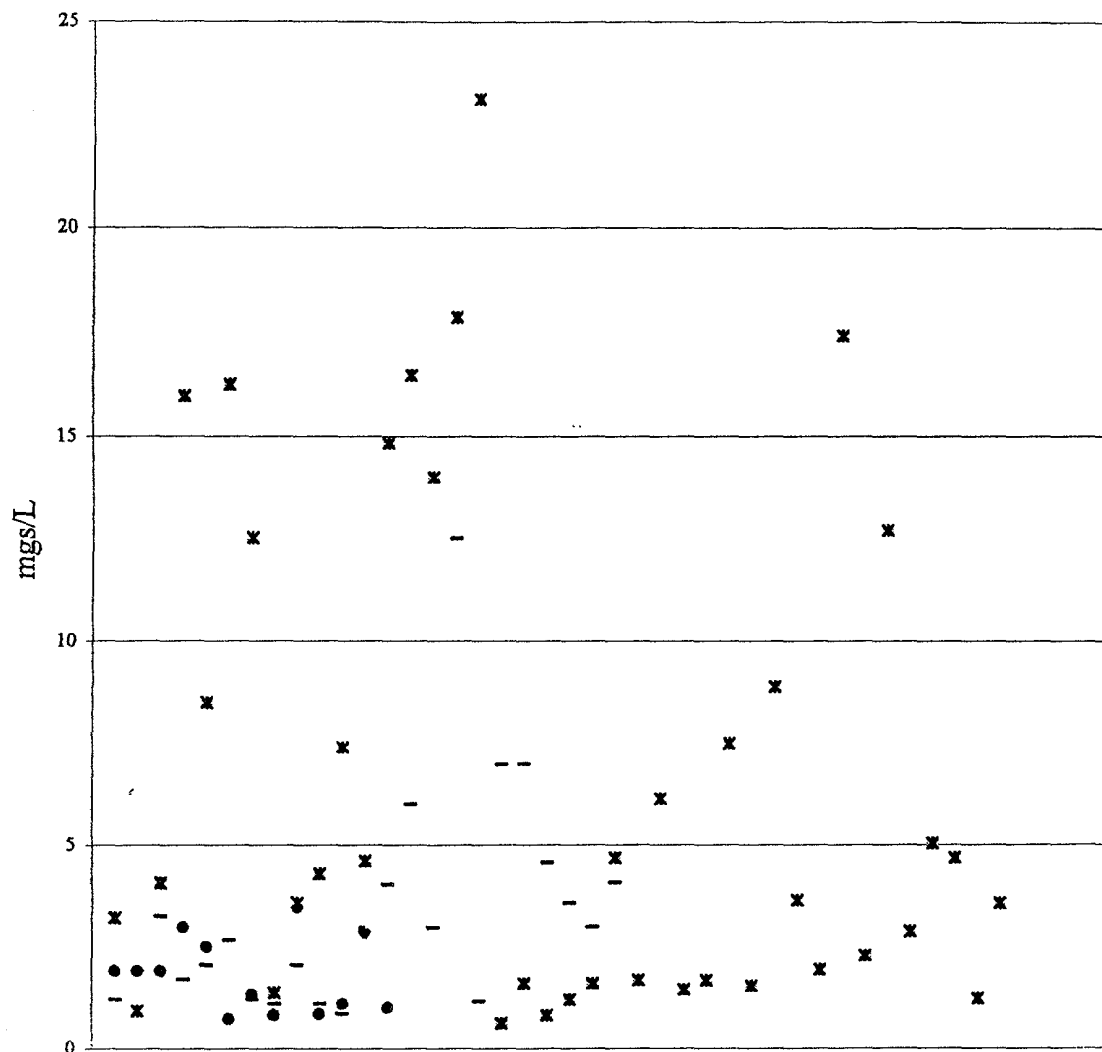
**GRAPH 5**

LSP in the CSF of patients with HIV and  
toxoplasmosis and patients with lymphoma



GRAPH 6

LSP



- Control Samples Dizziness, Headaches, Strokes, Comatose, Other
- Patient Samples: Lyme Disease, Alzheimer's, Meningitis, Other (not Cancer)
- ✕ Patient Samples: Malignancies in Different Stages